

#### COMBINED DECLARATION AND POWER OF ATTORNEY

Astrelawa	ned inventor, I hereby declare that:	EN OF AFFORMET
This declaration	on is of the following type:  original divisional continuation continuation-in-part	COPY OF PAPERS ORIGINALLY FILED
	INVENTORSHIP IDENTIFIC	ATION
am the origina inventor (if plu	post office address and citizenship are as stat I, first and sole inventor (if only one name is lis Iral names are listed below) of the subject ma nt on the invention entitled:	ted below) or an original, first and join
	A METHOD OF DEPOSITING LOW K	BARRIER FILMS
	SPECIFICATION IDENTIFICATION	ATION
The specification	on of which:	
	is attached hereto was filed on November 13, 2001, under Ser date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if a was described and claimed in No filed on Article 19 on	applicable) PCT International Application
AC	CKNOWLEDGMENT OF REVIEW OF PAPERS	AND DUTY OF CANDOR
I hereby state to including the classical controls and the classical controls are the classical controls.	that I have reviewed and understand the contental aims, as amended by any amendment referred to	its of the above-identified specification, to above.
with Title 37, 0 application; na	the duty to disclose all information I know to be Code of Federal Regulations, §1.56, and which mely, information where there is a substantial it important in deciding whether to allow the app	is material to the examination of this likelihood that a reasonable Examiner
	In compliance with this duty there is attached a	an Information Disclosure Statement in

## PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

priority	is claim	ed.				
		No such	applications have be	een filed.		
	$\boxtimes$	Such app	olications have been	filed as follows:		
A.		•	• •	led within 12 mos. (6 s under 35 U.S.C. §119		n) prior to thi
	Coun	try/PCT	Application No	Date Filed	Prior	ity Claimed
					Y	es  No
В.		eign application	cation(s), if any, fil	ed more than 12 mos.	(6 mos for desig	n) prior to this
	Country Applications of the country	tion No:				
C.	U.S. Pr	ovisional	Application filed w	rithin 12 months prior	to this application	on
	Serial N 60/328,			Filing Date October 19, 2001		
			PRIORITY C	LAIM (35 U.S.C. §120)	)	
applica listed b in that/ States of this Examir which o	ntion(s) on elow and those pr Code, § applicat ner would occurred	r PCT inte I, insofar a rior applica 112, I ackr tion (name I consider	rnational application is the subject matter ation(s) in the maninowledge the duty to ely, information whit important in decided the filing date of the	i, United States Code i(s) designating the Unit of each of the claims of the provided by the fire of disclose information the inere there is substantiting whether to allow the prior application(s) and	ited States of Ame of this application i st paragraph of T nat is material to the ial likelihood that application to iss	erica that is/are is not disclosed it.  Fitle 35, United the examination a reasonable ue as a patent
	$\boxtimes$		applications have be lications have been			
	Coriol N	lo "	iling Data	Detected	Status	A b a a d a = = =
	Serial N	<u>10</u> . <u>F</u>	iling Date	Patented	Pending	Abandoned

#### **POWER OF ATTORNEY**

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Registration No. 33,217 Donald Verplancken Peter J. Sgarbossa Registration No. 25,610 Lawrence Edelman Registration No. 25,226 Raymond Kam-On Kwong Registration No. 37,165 James C. Wilson Registration No. 35,412 Registration No. 25,436 Robert W. Mulcahy Walter Benjamin Glen Registration No. 44,713 B. Todd Patterson Registration No. 37,906 Raymond R. Moser, Jr. Registration No. 34,682 Keith M. Tackett Registration No. 32,008 Douglas H. Elliott Registration No. 32,982 William B. Patterson Registration No. 34,102

Send correspondence to:

Direct telephone calls to:

Patent Counsel Applied Materials, Inc. P.O. Box 450-A Santa Clara, CA 95052 B. Todd Patterson Moser, Patterson & Sheridan, L.L.P.

(713) 623-4844

#### **DECLARATION**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of <b>sole or fi</b>	rst inventor:	Li-Qun Xia		. /
Inventor's signature:		_2	Date:	1/29/02
Residence:	868 Leith Aver	nue		
	Santa Clara, C	alifornia 95054		•
Post Office Address:	Same as above	e.		
	U.S.A.	Country of Citizens	hip: P.R. China	
Full name of <b>second</b> in	nventor: PING X	ใบ		
Inventor's signature:			Date:	
Residence:	48888 Crown I	Ridge Common		
	Fremont, Califo	ornia 94539		
Post Office Address:	Same as abov			
	U.S.A.	Country of Citizens	hip: USA	

(DECLARATION ENDS WITH THIS PAGE)

MBINED DECLARATION AND POWER OF ATTORNEY nventor, I hereby declare that: This declaration is of the following type: original divisional continuation continuation-in-part

#### **INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

# A METHOD OF DEPOSITING LOW K BARRIER FILMS

#### SPECIFICATION IDENTIFICATION

The specification of which: is attached hereto was filed on November 13, 2001, under Serial No. 10/010,950, executed on even date herewith; or Express Mail No. (as Serial No. not yet known) and was amended on (if applicable) was described and claimed PCT in International Application No. filed on and as amended under PCT Article 19 on

# ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which is material to the examination of this application; namely, information where there is a substantial likelihood that a reasonable Examiner would consider it important in deciding whether to allow the application to issue as a patent, and

П In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR §1.98.

## PRIORITY CLAIM (35 U.S.C. §119)

I hereby claim foreign priority benefits under Title 35, United States Code, §119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

•	is claim		subject matter hav	ing a ming date before	urat or the app	modulon(3) or wind
		No such	applications have t	peen filed.		
	$\boxtimes$	Such app	lications have bee	n filed as follows:		
Α.				filed within 12 mos. (6 ns under 35 U.S.C. §119		sign) prior to thi
	Coun	try/PCT	Application No	Date Filed	P	riority Claimed
						Yes No Yes No Yes No
В.		ign applic plication	ation(s), if any, f	led more than 12 mos.	(6 mos for de	sign) prior to this
	Country Applica Filing da	tion No:				
C.	U.S. Pr	ovisional .	Application filed	within 12 months prior	to this applic	ation
	Serial N 60/328,			Filing Date October 19, 2001		
			PRIORITY	CLAIM (35 U.S.C. §120)	l	
applica listed b in that/ States of this Examir which c	tion(s) or elow and those pr Code, § applicat ner would occurred	r PCT inter I, insofar a ior applica I12, I ackn tion (name I consider	rnational applications the subject matter that the subject matter that the man application is the subject of the state of	5, United States Code n(s) designating the Uniter of each of the claims of the provided by the firm to disclose information there there is substantially whether to allow the prior application(s) and	ted States of A of this applicati st paragraph nat is material ial likelihood application to	America that is/are on is not disclosed of Title 35, United to the examination that a reasonable issue as a patent)
			applications have b lications have bee			
					Status _	
	Serial N	<u>10. F</u>	iling Date	<u>Patented</u>	Pending	Abandoned

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Full name of sole or fi	st inventor: LI-QUN XIA
Inventor's signature:	Date:
Residence:	868 Leith Avenue
	Santa Clara, California 95054
Post Office Address:	Same as above.
	U.S.A. Country of Citizenship: P.R. China
Full name of <b>second</b> i	ventor: Ping Xu
Inventor's signature:	2 Pm Date: 1/29/2002
Residence:	48888 Crown Ridge Common
	Fremont, California 94539
Post Office Address:	Same as above.

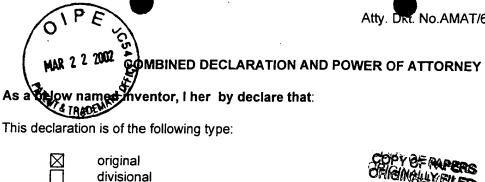
Country of Citizenship: USA

# Atty. Dkt. No.AMAT/6392/DD/LOW K/JW

Full name of third inve	entor: Lo	DUIS YANG		
Inventor's signature:			Date:	
Residence:	152 Dorade	o Terrace	Date	
	San Franci	isco, California 94112		
Post Office Address:	Same as a			
	U.S.A.	Country of Citizer	nship: USA	

(DECLARATION ENDS WITH THIS PAGE)

13



continuation

continuation-in-part

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priority	y is claim	ed.	-			, ,
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A.				ed within 12 mos. ( under 35 U.S.C. §11		gn) prior to this
	Coun	try/PCT	Application No	Date Filed	Pric	ority Claimed
						Yes  No Yes  No Yes  No
В.		ign appli plication	cation(s), if any, file	d more than 12 mos	. (6 mos for des	ign) prior to this
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C.	U.S. Pr	ovisional	Application filed wi	thin 12 months prio	r to this applicat	ion
	Serial N 60/328,			Filing Date October 19, 2001		
			PRIORITY CL	_AIM (35 U.S.C. §120	))	
application application that in that States of this Examination which	ation(s) or delow and /those pr Code, § <sup>2</sup> applicat ner would occurred	r PCT inte I, insofar a ior applica I 12, I ackr ion (name I consider	rnational application( is the subject matter ation(s) in the mann- nowledge the duty to ely, information whe it important in decidir he filing date of the p	United States Codes) designating the Ur of each of the claims er provided by the findisclose information of ere there is substanting whether to allow the prior application(s) and	nited States of An of this application rst paragraph of that is material to tial likelihood the e application to is	nerica that is/are is not disclosed. Title 35, United the examination at a reasonable ssue as a patent)
			applications have bee lications have been f			
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	Serial N	io. F	iling Date	Patented	Pending	Abandoned

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	U.S.A. Country of Citizens	ship: P.R. China	
Full name of <b>second</b> i	nventor: PING XU		
Inventor's signature:		Date:	
Residence:	48888 Crown Ridge Common		
	Fremont, California 94539		
Post Office Address:	Same as above.		

Country of Citizenship: USA

Atty. Dkt. No.AMAT/6392/DD/LOW K/JW

Full name of third inventor: Louis YANG

Inventor's signature:\_ Residence:

152 Dorado Terrace

San Francisco, California 94112

Post Office Address:

Same as above.

U.S.A.

Country of Citizenship: USA

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